

Program Description/Textbook or Print Instructional Material

Vendor: Pearson Education, Inc., publishing as Pearson Prentice Hall **Web Address:** www.phschool.com

Title: **Business Math, High School Edition**

Author: Cheryl Cleaves, Ph.D., and Margie Hobbs, Ph.D. **Copyright:** 2002

ISBN: 0-13-094690-7 **Course/Content Area:** Mathematics for Business and Industry

Intended Grade or Level: 9-12 **Readability Level:** Not Available

List Price: \$ 73.96 **Lowest Wholesale Price:** \$ 55.47

Level of Accommodations (Level One, Two, or Three) Three

If Level Two or Three, please provide rationale for not meeting Level One Compliance. Pearson Prentice Hall is unable to provide files in Levels One or Two due to the variety of page layout systems used to create the text. These systems are not compatible with specialized formats such as XML or HTML.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

This updated text material takes the student from beginning math skills to advanced concepts with real world business examples in occupations students can relate to. New and updated problems include Markup/Markdown formula. End-of-chapter features applied concepts so that students see why/where math is used in the real world.

Student Experiences

Business Math provides clear examples of real world situations and uses occupations that are pertinent to students who will enter the business world. The Study Wizard CD gives students hands-on practice with real world activities and instant feedback. A glossary of important math terms is included to help students learn to identify math terms.

Assessment

Students get instant feedback as they practice their real world problems. The problems relate to occupations they can identify with in the business world. The Student Solutions Manual is designed to provide students with instant feedback. The Test Item File and PH WIN Custom Test provide teachers ample testing opportunities to assess student learning.

Organization

The student edition is divided into chapters that allow students to progress from skill building through the basics to more advanced concepts. A myriad of motivational tools stimulate interest and deepen understanding. Numerous pedagogical features correlate to the AMATYC and NCTM standards.

Resource Materials

- **Gratis Items To Be Provided And Under What Conditions**

Free upon request, 1 per teacher user with a minimum purchase of 20 Business Math(High School Version) Student Editions:

- ☞ Instructor's Resource Manual
- ☞ Study Wizard
- ☞ Test Item File
- ☞ PowerPoint Transparencies
- ☞ PH WIN Custom Test
- ☞ Student's Solutions Manual

- **Available Ancillary Materials**

Website: www.prenhall.com

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

This successful text in its 6th edition has been reviewed by authors and educators to ensure accurate, clear, and relevant pedagogy is adhered to throughout the text and ancillaries.



Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Business



Title: Business Math \$55.47			
Publisher: Pearson Education/Prentice Hall			
Item Evaluated: Text and Supplemental Materials			
Copyright Date: 2002		Evaluator: Brenda Buffin	
Content Level: 9-12		Date of Evaluation July 31, 2003	
Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance
This section completed by Exceptional Children Services			

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:
<input checked="" type="checkbox"/> Recommended by reviewers to State Textbook Commission
<input type="checkbox"/> Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.



Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Business



Title:		Publisher
Technology Management Summary Data:	20 possible points	____20____ points earned
Technology Management Comments: Well organized software.		
Technology Presentation/Interface Summary Data:	40 possible points	____30____ points earned
Technology Presentation/Interface Comments: Student Study Wizard contains practice tests, summaries, etc. PowerPoint CD contains slides on Tips, How-To, and Challenge Problems		
Content Summary Data:	44 possible points	____22____ points earned
Content Comments: The concepts of Business Math are present in this textbook, but it is lacking in careers, diversity and ethics information.		
Instruction & Assessment Summary Data	52 possible points	____43____ points earned
Instruction & Assessment Comments: There are many opportunities for assessment of several types. Spreadsheet applications are included throughout. A separate Test Item File is available.		
Organization & Structure Summary Data	36 possible points	____32____ points earned
Organization & Structure Comments: Layout of text seems to be good overall.		
Resource Material Summary Data	40 possible points	____24____ points earned
Resource Material Comments: Student website contains chapter reviews with answers and chapter objectives at www.prenhall.com/cleaves .		



Group V - Career /Technical & Vocational/Practical Living

Electronic Instructional Media Review Form

Stand Alone/Independent or Integrated Software for Business



Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)	Cost _____	
Windows	Primary	Individual	Stand Alone/Independent	_____ single copy	_____ site license
Macintosh	Intermediate	Small Group	Integrated	_____ network version	_____ school version
CD-ROM	Middle	Large Group	Supplemental	_____ lab pack of _____ copies	_____ online
DVD	High		In lieu of basal test		
Sound					
Other					

If other, explain _____

Type of Software: Check all that apply	_____ Simulation	_____ Management	_____ Interdisciplinary	___x___ Problem Solving	___x___ Tutorial
_____ Exploratory	_____ Creativity	___x___ Drill and Practice	___x___ Critical Thinking	_____ Utility	_____ Other:

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	4
Allows students to exit and resume at a later time.	4
Keeps a students performance record, where needed.	4
Allows control of various aspects of the software (e.g., turning sound off).	4
Allows for printed reports.	4
Comments: Well organized software.	Total 20

Presentation/Interface	Rating
Presents material in an organized manner.	4
Has consistent, easy-to-use, on-screen instructions.	4
Has developmentally correct presentation format.	4
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	2
Accessible for special needs students.	1
Runs smoothly, without long delays.	3
Presents easy-to-view text and graphics.	4
Presents easy-to-hear and understand sounds.	0
Avoids unnecessary screens, sounds, and graphics.	4
Provides immediate, appropriate feedback.	4
Comments: Student Study Wizard contains practice tests, summaries, etc. PowerPoint CD contains slides on Tips, How-To, and Challenge Problems	Total 30

Content—Business	Rating
Career Experiences	1
Employability Skills	1
Teamwork	3
Global Perspective	2
Mathematical Skills	4
Communication	2
Diversity	0
Ethical Practices	0
Academic Integration	2
Real World Application	3
Content Area Concepts Addressed	4
Comments: The concepts of Business Math are present in this textbook, but it is lacking in careers, diversity and ethics information.	Total 22

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	4
Builds on Student Ideals	4
Engages Students	3
Develops Business Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	4
Commonwealth Accountability Testing System (CATS) “like” Assessment is provided	3
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	2
Includes activities and opportunities for integration of technology.	3
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	3
Differentiation techniques and activities suggested.	1
Comments: There are many opportunities for assessment of several types. Spreadsheet applications are included throughout. A separate Test Item File is available.	Total 43

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	4
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	3
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	4
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	3
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	4
Student materials seem durable and conducive to daily use.	4
Includes sufficient glossary, index and appendices.	2
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	4
Comments: Layout of text seems to be good overall.	Total 32

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	4
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	3
Extension activities including adaptations and accommodations for students with special needs.	1
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	2
Suggestions are made for integration of themes and /or interdisciplinary instruction.	2
Integration opportunities suggested and examples given.	2
Teacher resources are available online.	2
Online resources available – Repeat of information in text.	3
Online resources available – Practice skills only.	4
Online resources available – New application materials.	1
Comments: Student website contains chapter reviews with answers and chapter objectives at www.prenhall.com/cleaves .	Total 24

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable